

# Data Sheet



Model OI-7010 GenII WireFree Hybrid Gas Monitor

## PRODUCT PHOTO



## DESCRIPTION

The Otis Instruments, Inc. GenII OI-7010-X-X-X-X is a Hybrid Monitor that supports up to 12 (or up to 32) WireFree sensor assemblies, and up to four wired (4-20mA) sensors (when only eight (or 28) channels are setup as WireFree).

The OI-7010-X-X-X-X is backward compatible with GenI WireFree sensor assemblies, and also supports GenII Wirefree sensor assemblies (configurable).

## FEATURES

- RS-485 RTU Modbus output
- Ability to disable alarm relays
- Ability for each relay to be latched or non-latched
- Compatible with WireFree and/or Wired (4-20mA) Sensor Assemblies
- Monitors 12 or 32 individually configurable WireFree sensors, or up to 4 wired sensors with 8 or 28 Wirefree sensors (or different combinations)
- Continuous scanning to monitor all channels
- AC or DC power-in option

## SPECIFICATIONS

<b>Operating Voltage:</b>	12-35 Volts DC, 110/240 VAC
<b>Compatibility:</b>	Otis WireFree and wired (4-20mA input) sensor assemblies
<b>Channels:</b>	12 or 32
<b>Gases:</b>	All supported by sensor assemblies
<b>Wired Output:</b>	RS-485 Modbus
<b>Relays:</b>	Four Dry-Contact (5 Amp); 4 Amp fuses
<b>Protection:</b>	Power EMI filter, surge suppression, 4-20mA and RS-485 surge suppression
<b>Current Draw:</b>	250mA at 12 VDC
<b>Radio Options:</b>	• 900 MHz (Legacy Option), 100mW; 7 miles Line-Of-Site (LOS) • 2.4 GHz ISM, 100mW, 3 miles LOS • 900 MHz (expected release: 1H 2011)
<b>Antennas:</b>	Solid black – 900 MHz (domestic) Yellow tip – 2.4 GHz (international)
<b>Display:</b>	Two graphical LCD (128 x 64), transfective, sunlight readable, LED backlight
<b>Enclosure:</b>	Stahlin 10x8x6 fiberglass, clear window
<b>Certifications:</b>	NEMA 4 (enclosure only)
<b>Warranty:</b>	Hardware: 1 year (limited)

**Otis Instruments, Inc.**  
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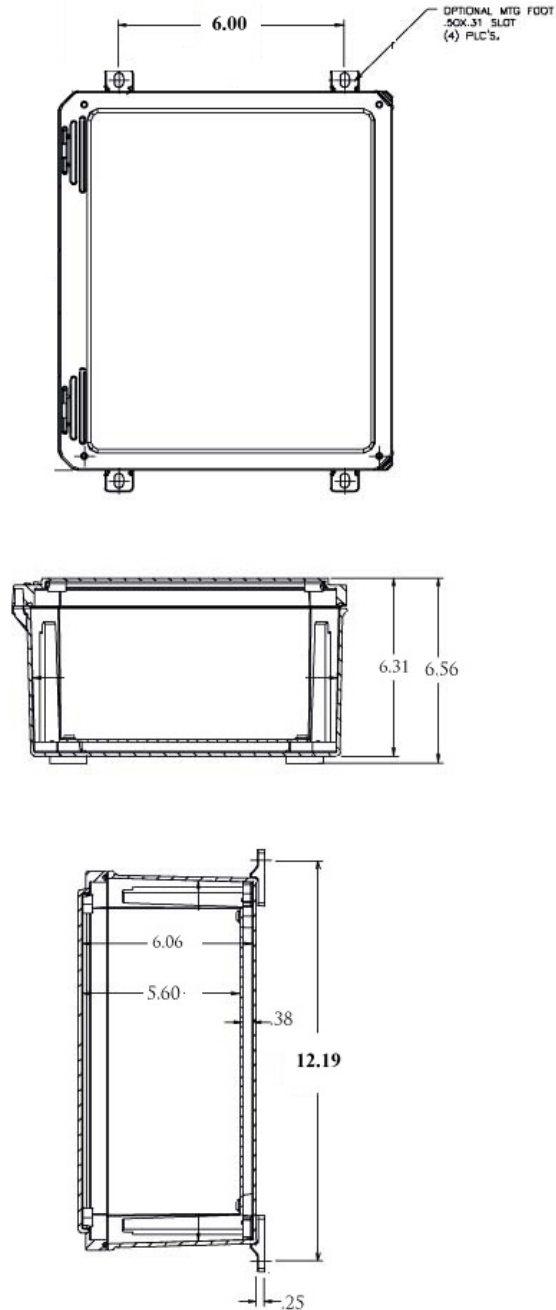
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## DIMENSIONS



Revision 2.0

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